

MAMMOMAT 1000/3000/3000 Nova

SP

Service

Replacements of Parts

Filter Selection Motor

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Chapter	Page	Revision
All	All	01

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1 **Prerequisites** 1 - 1

 General 1 - 1

 Required tools 1 - 1

 Parts included 1 - 1

 Time Required. 1 - 1

2 **Preliminary steps** 2 - 1

 Remove the X-ray tube covers 2 - 1

 Remove the collimator cover 2 - 1

3 **Replacement Procedures** 3 - 1

 Replacing the filter selection motor (M5) 3 - 1

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General

These instructions describe how to replace the filter selection motor (M5) on the MAMMOMAT 1000 (only 1000 Mo/Rh) / 3000 / 3000 Nova.

Required tools

A standard toolkit. An angle screwdriver is recommended.

Parts included

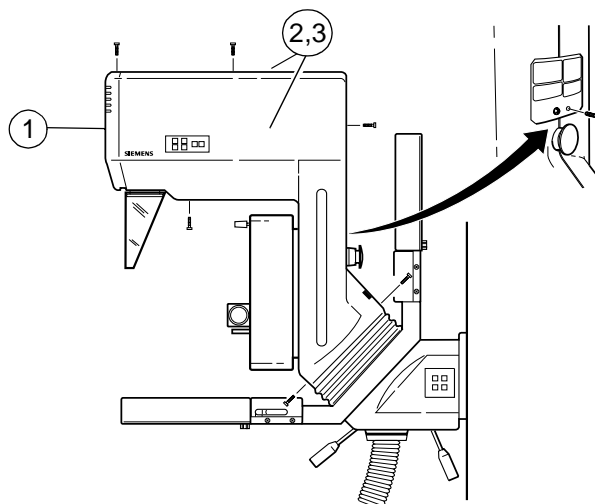
Filter selection motor (M5), mat. no. 64 82 959.

Time Required

Approximately 1/2 hour for 1 person.

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Remove the X-ray tube covers

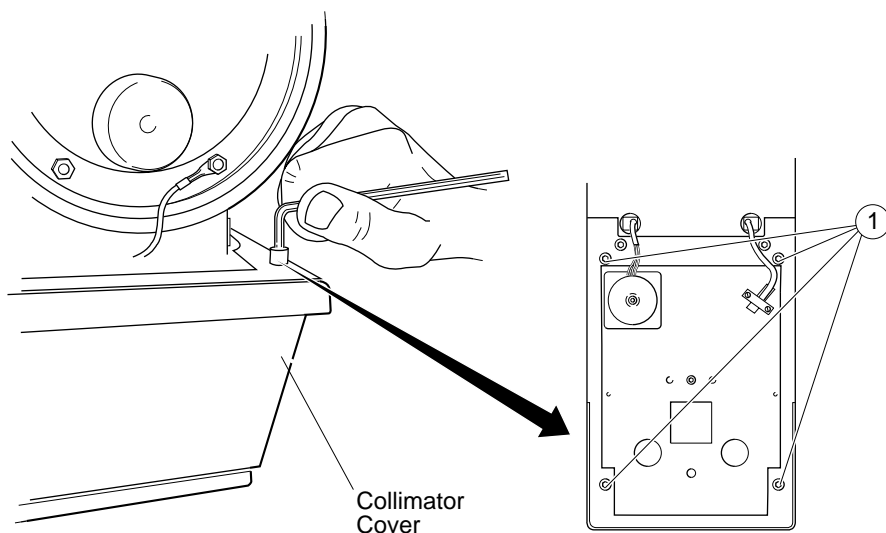


MAM00958

Fig. 1

1. System OFF.
2. Remove the X-ray tube front cover (1/Fig. 1).
3. Remove the X-ray tube covers on the left and right sides (2 and 3/Fig. 1).

Remove the collimator cover



MAM00149

Fig. 2

1. Remove the collimator cover.

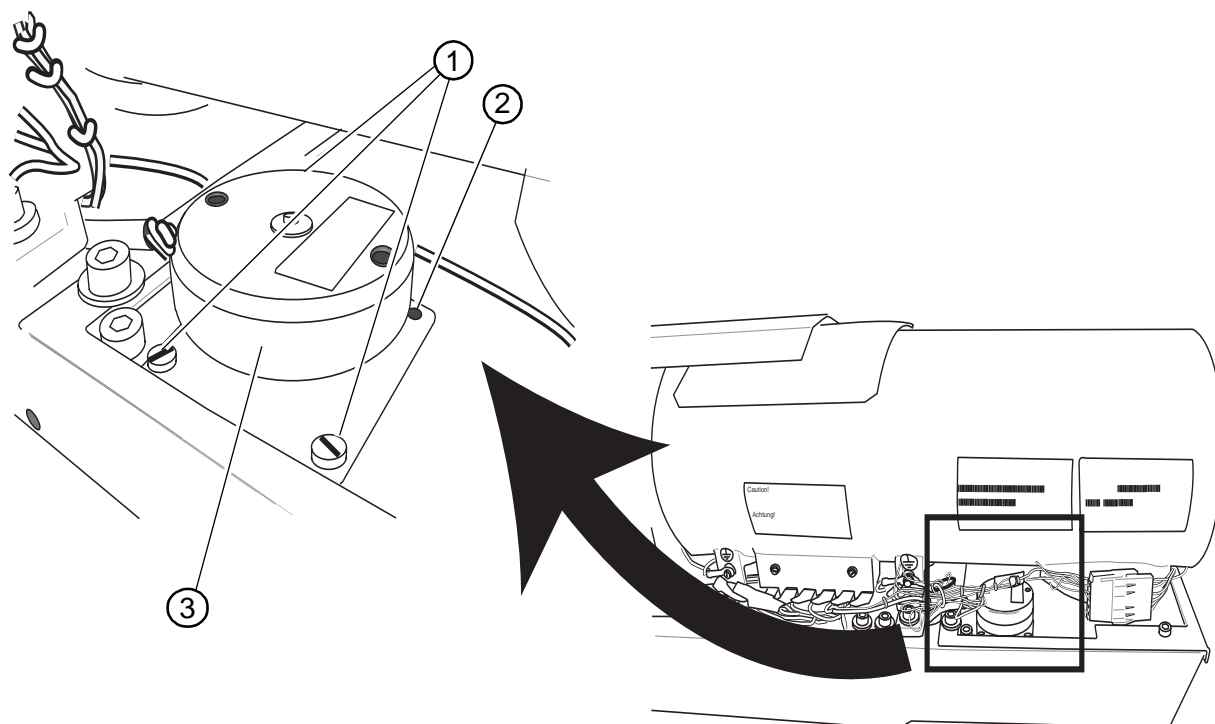
CAUTION

Remove the four screws (1/Fig. 2) only!

Allow the collimator cover to hang down by the collimator cable and, if necessary, secure it to the swivel head with adhesive tape or cable ties.

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Replacing the filter selection motor (M5)



MA100059

Fig. 1

1. Remove connector X867 on D805.
2. Remove the motor (3/Fig. 1). If any of the screws securing the motor are hard to reach, remove the screws from the X-ray tube and lift it up.

NOTE

Usually the motor is secured with three screws but on some 3000 models there are four (2/Fig. 1).

3. Take the old motor out (3/Fig. 1). Replace it with the new motor and secure it with the screws. Connect the new motor to connector X867 on D805.
4. Check that the filter rotates easily. If necessary, adjust the position of the motor.
5. Reattach the collimator cover and the X-ray tube covers.

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